

KENTUCKY ADULT EDUCATION – STUDENT GUIDE

Standards for Mathematics

Level 1

Use Math to Solve Problems and Communicate

Student Name _____

Entry Date _____ Site _____

Recognize and Compare Numbers

The adult student is able to:

- _____ Count to 50 and back
- _____ Name *odd* and *even* numbers
- _____ Count by 10's to 100
- _____ Count by 5's to 100
- _____ Count by 2's to 50
- _____ Read aloud numbers to 100
- _____ Tell if certain numbers are *greater than* or *less than* other numbers

Rounding and Estimation

The adult student is able to:

- _____ Explain how to round numbers to the nearest tens *place*

Number Theory and Mathematical Symbols

The adult student is able to:

- _____ Use *addition sign* $+$ to *add* numbers
- _____ Use *subtraction sign* $-$ to *subtract* numbers
- _____ Use *equal sign* $=$ to show equal amounts

Mathematical Operations






The adult student is able to:

- _____ *Add* numbers with *sums* up to 100
- _____ *Subtract* numbers from 100
- _____ Use a calculator to check answers
- _____ Solve word problems using *addition* or *subtraction*



Measurements

The adult student is able to:

- _____ Use a ruler 
- _____ Read a clock to tell time 
- _____ Write dates using numbers
- _____ Read a thermometer 
- _____ Count coin money 
- _____ Count paper money 
- _____ Count out equal amounts using half ($\frac{1}{2}$) dollars and quarters ($\frac{1}{4}$)

Geometry


The adult student is able to:

- _____ Describe, name and draw *shapes*
- _____ Find the *perimeter* of *shapes*



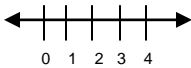
Data Interpretation and Probability

The adult student is able to:

- _____ Name the parts of *lists*, *graphs* and *tables*
- _____ Read *lists*
- _____ Read *bar graphs* 
- _____ Compare *graph* amounts

Number Line and Grids

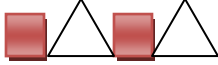
The adult student is able to:

- _____ Go up or to the right to add on a *number line* 
- _____ Go left or down to subtract on a *number line*
- _____ Use North, South, East and West with a map



Algebra

The adult student is able to:

- _____ Find *patterns* 
- _____ Describe *patterns*
- _____ Name numbers as the *part* or *whole* in a problem